

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/05319

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> H01B17/62, 17/60, 3/30, B32B27/34, 15/08, H05K1/03

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> H01B17/62, 17/60, 3/30, B32B27/34, 15/08, H05K1/03

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2001  
 Kokai Jitsuyo Shinan Koho 1971-2001 Jitsuyo Shinan Toroku Koho 1996-2001

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 9-169088 A (Kanegafuchi Chem. Ind. Co., Ltd.), 30 June, 1997 (30.06.97), Claims; page 8, right column, line 28 to page 10, right column, line 40 (Family: none)	1,3-12,14,16, 18,20,22, 24-30,32-34, 36,38,40, 42-53,55-62 1-63
Y		
X	JP 52-108496 A (Showa Electric Wire & Cable Co., Ltd.), 10 September, 1977 (10.09.77), Claims; page 3, upper right column, lines 5 to 9 (Family: none)	22,24-28 1-9,11,23,29, 31,33
Y		
A		10,12-21,30, 32,34-63
Y	JP 5-214101 A (Hitachi, Ltd.), 24 August, 1993 (24.08.93), Claims; page 3, right column, lines 7 to 33; page 7, right column, line 34 to page 8, right column, line 5 (Family: none)	1-2,7-8, 11-23,28-29, 33-63 3-6,9-10, 24-27,30-32
A		

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
18 September, 2001 (18.09.01)Date of mailing of the international search report  
02 October, 2001 (02.10.01)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/05319

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	US 5668247 A (Kanegafuchi Kagaku Kogyo Kabushiki Kaisha), 16 September, 1997 (16.09.97), Claims JP 6-234959 A Claims	22-23 1-41 42-63
X Y	JP 2000-123512 A (Ube Industries, Ltd.), 28 April, 2000 (28.04.00), Full text (Family: none)	42-63 12-21, 34-63
X Y	JP 63-84117 A (Fuji Xerox Co., Ltd.), 14 April, 1988 (14.04.88), Claims; page 2, lower left column, line 17 to lower right column, line 3 (Family: none)	42-43, 47, 49, 51, 55-57, 59-60 50, 52-53, 61
X Y	JP 3-14294 A (Hitachi, Ltd.), 22 January, 1991 (22.01.91), Claims; page 3, upper left column, line 8 to page 4, upper left column, line 1 (Family: none)	42-43, 47-51, 55-58, 59-60 52-53, 61
X	US 5362550 A (Fujitsu Limited), 08 November, 1994 (08.11.94), Claims; column 3, line 33 to column 6, line 46 & JP 5-235491 A Claims; page 3, right column, line 3 to page 4, right column, line 13	55-58 42-43, 47-54, 59-63

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/05319

**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

Inventions of claims 1 to 41 are so linked as to form a single general inventive concept, since the inventions have common special technical features relating to the structure of an insulating film comprising two or more insulating layers of resin layers containing at least one layer comprising a polyimide resin which has a specific recurring unit, has a glass transition temperature of 150 ° to 360 °, and exhibits a rate of dissolution in a basic solution of 3 µm/min or more. On the other hand, inventions of claims 42 to 63 are so linked as to form a single general inventive concept, because the inventions have common special technical features relating to the structure of an insulating film formed from two or more resin layers wherein the ratio between etching rates for respective layers ranges 6:1 to 1:1. It is clear that the above two special technical features are different from each other.

Accordingly, a group of inventions of claims 1 to 41 and a group of inventions of claims 42 to 63 are not so linked as to form a single general inventive concept. It is clear that claims 1 to 63 do not comply with the requirement of unity of invention.

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.  
☒ No protest accompanied the payment of additional search fees.

## PATENT COOPERATION TREATY

PCT

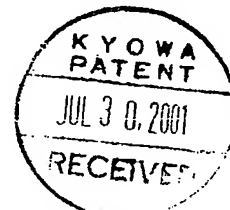
NOTIFICATION OF RECEIPT OF  
RECORD COPY

(PCT Rule 24.2(a))

From the INTERNATIONAL BUREAU

To:

YOSHITAKE, Kenji  
Kyowa Patent & Law Office  
Room 323, Fuji Bldg.  
2-3, Marunouchi 3-chome  
Chiyoda-ku, Tokyo 100-0005  
JAPON



Date of mailing (day/month/year) 18 July 2001 (18.07.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 131976-735	International application No. PCT/JP01/05319

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

DAI NIPPON PRINTING CO., LTD. (for all designated States except US)  
SAKAYORI, Katsuya et al (for US)

International filing date : 21 June 2001 (21.06.01)  
Priority date(s) claimed : 21 June 2000 (21.06.00)  
31 July 2000 (31.07.00)  
06 February 2001 (06.02.01)  
06 February 2001 (06.02.01)

Date of receipt of the record copy  
by the International Bureau : 06 July 2001 (06.07.01)

List of designated Offices :

AP : GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW  
EA : AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
EP : AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR  
OA : BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
National : AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ,  
EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,  
LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,  
UG, US, UZ, VN, YU, ZA, ZW

The International Bureau of WIPO 34, ch min des Colombettes 1211 Geneva 20, Switzerland	Authorized officer: Y. KUWAHARA
Facsimile No. (41-22) 740.14.35	Telephone No. (41-22) 338.83.38

## Continuation of Form PCT/IB/301

## NOTIFICATION OF RECEIPT OF RECORD COPY

Date of mailing (day/month/year) 18 July 2001 (18.07.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 131976-735	International application No. PCT/JP01/05319

**ATTENTION**

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase
- ☐ confirmation of precautionary designations
- ☒ requirements regarding priority documents

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

## TENT COOPERATION TREA

PCT

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

From the INTERNATIONAL BUREAU

To:

YOSHITAKE, Kenji  
Kyowa Patent & Law Office  
Room 323, Fuji Bldg.  
2-3, Marunouchi 3-chome  
Chiyoda-ku, Tokyo 100-0005  
JAPON

Date of mailing (day/month/year) 04 October 2001 (04.10.01)	
Applicant's or agent's file reference 131976-735	IMPORTANT NOTIFICATION
International application No. PCT/JP01/05319	International filing date (day/month/year) 21 June 2001 (21.06.01)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 21 June 2000 (21.06.00)
Applicant DAI NIPPON PRINTING CO., LTD. et al	

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
21 June 2000 (21.06.00)	2000-186564	JP	27 Augu 2001 (27.08.01)
31 July 2000 (31.07.00)	2000-232227	JP	27 Augu 2001 (27.08.01)
06 Febr 2001 (06.02.01)	2001-30171	JP	27 Augu 2001 (27.08.01)
06 Febr 2001 (06.02.01)	2001-30249	JP	27 Augu 2001 (27.08.01)

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740.14.35

Authorized officer

Khemais BRAHMI

Telephone No. (41-22) 338.83.38

## PATENT COOPERATION TREATY

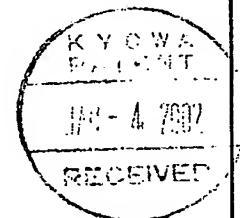
PCT

NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

From the INTERNATIONAL BUREAU

To:

YOSHITAKE, Kenji  
Kyowa Patent & Law Office  
Room 323, Fuji Bldg.  
2-3, Marunouchi 3-chome  
Chiyoda-ku, Tokyo 100-0005  
JAPON

Date of mailing (day/month/year) 27 December 2001 (27.12.01)		IMPORTANT NOTICE	
Applicant's or agent's file reference 131976-735			
International application No. PCT/JP01/05319	International filing date (day/month/year) 21 June 2001 (21.06.01)	Priority date (day/month/year) 21 June 2000 (21.06.00)	
Applicant DAI NIPPON PRINTING CO., LTD. et al			

1. Notice is hereby given that the International Bureau has **communicated**, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:  
KP,KR,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:  
AE,AG,AL,AM,AP,AT,AU,AZ,BA,BB,BG,BR,BY,BZ,CA,CH,CN,CO,CR,CU,CZ,DE,DK,DM,DZ,EA,EC,  
EE,EP,ES,FI,GB,GD,GE,GH,GM,HR,HU,ID,IL,IN,IS,JP,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MA,  
MD,MG,MK,MN,MW,MX,MZ,NO,NZ,OA,PL,PT,RO,RU,SD,SE,SG,SI,SK,SL,TJ,TM,TR,TT,TZ,UA,UG,

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 27 December 2001 (27.12.01) under No. WO 01/99124

**REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)**

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a **demand for international preliminary examination** must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

**REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))**

If the applicant wishes to proceed with the international application in the **national phase**, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and the PCT Applicant's Guide, Volume II.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.1435	Authorized officer J. Zahra Telephone No. (41-22) 338.91.11
---	---

## 特許協力条約に基づく国際出願願書

131976-735

原本(出願用) - 印刷日時 2001年06月20日 (20.06.2001) 水曜日 16時18分12秒

0	受理官庁記入欄	
0-1	国際出願番号.	
0-2	国際出願日	
0-3	(受付印)	
0-4	様式-PCT/RO/101 この特許協力条約に基づく国際 出願願書は、 0-4-1 右記によって作成された。	PCT-EASY Version 2.91 (updated 01.01.2001)
0-5	申立て 出願人は、この国際出願が特許 協力条約に従って処理されるこ とを請求する。	
0-6	出願人によって指定された受理 官庁	日本国特許庁 (RO/JP)
0-7	出願人又は代理人の書類記号	131976-735
I	発明の名称	積層体およびその用途
II	出願人	
II-1	この欄に記載した者は	出願人である (applicant only)
II-2	右の指定国についての出願人で ある。	米国を除くすべての指定国 (all designated States except US)
II-4ja	名称	大日本印刷株式会社
II-4en	Name	DAI NIPPON PRINTING CO., LTD.
II-5ja	あて名:	162-8001 日本国 東京都 新宿区 市谷加賀町一丁目1番1号
II-5en	Address:	1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-8001 Japan
II-6	国籍 (国名)	日本国 JP
II-7	住所 (国名)	日本国 JP
III-1	その他の出願人又は発明者	
III-1-1	この欄に記載した者は	出願人及び発明者である (applicant and inventor)
III-1-2	右の指定国についての出願人で ある。	米国のみ (US only)
III-1-4ja	氏名(姓名)	坂寄 勝哉
III-1-4en	Name (LAST, First)	SAKAYORI, Katsuya
III-1-5ja	あて名:	162-8001 日本国 東京都 新宿区 市谷加賀町一丁目1番1号
III-1-5en	Address:	大日本印刷株式会社内 c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-8001 Japan
III-1-6	国籍 (国名)	日本国 JP
III-1-7	住所 (国名)	日本国 JP





III-2	その他の出願人又は発明者	
III-2-1	この欄に記載した者は	出願人及び発明者である (applicant and inventor)
III-2-2	右の指定国についての出願人である。	米国のみ (US only)
III-2-4ja	氏名(姓名)	河野 茂樹
III-2-4en	Name (LAST, First)	KAWANO, Shigeki
III-2-5ja	あて名:	162-8001 日本国
		東京都 新宿区
		市谷加賀町一丁目1番1号
		大日本印刷株式会社内
III-2-5en	Address:	c/o Dai Nippon Printing Co., Ltd.,
		1-1, Ichigaya-kaga-cho 1-chome,
		Shinjuku-ku, Tokyo 162-8001
		Japan
III-2-6	国籍 (国名)	日本国 JP
III-2-7	住所 (国名)	日本国 JP
III-3	その他の出願人又は発明者	
III-3-1	この欄に記載した者は	出願人及び発明者である (applicant and inventor)
III-3-2	右の指定国についての出願人である。	米国のみ (US only)
III-3-4ja	氏名(姓名)	甘崎 裕子
III-3-4en	Name (LAST, First)	AMASAKI, Hiroko
III-3-5ja	あて名:	162-8001 日本国
		東京都 新宿区
		市谷加賀町一丁目1番1号
		大日本印刷株式会社内
III-3-5en	Address:	c/o Dai Nippon Printing Co., Ltd.,
		1-1, Ichigaya-kaga-cho 1-chome,
		Shinjuku-ku, Tokyo 162-8001
		Japan
III-3-6	国籍 (国名)	日本国 JP
III-3-7	住所 (国名)	日本国 JP
III-4	その他の出願人又は発明者	
III-4-1	この欄に記載した者は	出願人及び発明者である (applicant and inventor)
III-4-2	右の指定国についての出願人である。	米国のみ (US only)
III-4-4ja	氏名(姓名)	田澤 秀胤
III-4-4en	Name (LAST, First)	TAZAWA, Hidetsugu
III-4-5ja	あて名:	162-8001 日本国
		東京都 新宿区
		市谷加賀町一丁目1番1号
		大日本印刷株式会社内
III-4-5en	Address:	c/o Dai Nippon Printing Co., Ltd.,
		1-1, Ichigaya-kaga-cho 1-chome,
		Shinjuku-ku, Tokyo 162-8001
		Japan
III-4-6	国籍 (国名)	日本国 JP
III-4-7	住所 (国名)	日本国 JP

III-5	その他の出願人又は発明者	出願人及び発明者である (applicant and inventor) 米国のみ (US only)
III-5-1	この欄に記載した者は	
III-5-2	右の指定国についての出願人である。	
III-5-4ja	氏名(姓名)	
III-5-4en	Name (LAST, First)	
III-5-5ja	あて名:	
III-5-5en	Address:	
III-5-6	国籍(国名)	
III-5-7	住所(国名)	
III-6	その他の出願人又は発明者	
III-6-1	この欄に記載した者は	
III-6-2	右の指定国についての出願人である。	
III-6-4ja	氏名(姓名)	
III-6-4en	Name (LAST, First)	
III-6-5ja	あて名:	
III-6-5en	Address:	
III-6-6	国籍(国名)	
III-6-7	住所(国名)	
IV-1	代理人又は共通の代表者、通知のあて名 下記の者は国際機関において右記のごとく出願人のために行動する。	代理人 (agent)
IV-1-1ja	氏名(姓名)	
IV-1-1en	Name (LAST, First)	
IV-1-2ja	あて名:	
IV-1-2en	Address:	
IV-1-3	電話番号	
IV-1-4	ファクシミリ番号	
IV-1-5	電子メール	

## 特許協力条約に基づく国際出願願書

原本（出願用） - 印刷日時 2001年06月20日（20.06.2001）水曜日 16時18分12秒

IV-2	その他の代理人	筆頭代理人と同じあて名を有する代理人 (additional agent(s) with same address as first named agent)
IV-2-1ja IV-2-1en	氏名 Name(s)	中村 行孝; 紺野 昭男; 高村 雅晴 NAKAMURA, Yukitaka; KONNO, Akio; TAKAMURA, Masaharu
V	国の指定	
V-1	広域特許 (他の種類の保護又は取扱いを求める場合には括弧内に記載する。)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZW 及びハラレプロトコルと特許協力条約の締約国である他の国 EA: AM AZ BY KG KZ MD RU TJ TM 及びユーラシア特許条約と特許協力条約の締約国である他の国 EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR 及びヨーロッパ特許条約と特許協力条約の締約国である他の国 OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG 及びアフリカ知的所有権機構と特許協力条約の締約国である他の国
V-2	国内特許 (他の種類の保護又は取扱いを求める場合には括弧内に記載する。)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
V-3	国内特許(この版の EASY の配布後に特許協力条約の締約国になった国)	C O コロンビア E C エクアドル
V-5	指定の確認の宣言 出願人は、上記の指定に加えて、規則4.9(b)の規定に基づき、特許協力条約のもとで認められる他の全ての国の指定を行う。ただし、V-6欄に示した国の指定を除く。出願人は、これらの追加される指定が確認を条件としていること、並びに優先日から15月が経過する前にその確認がなされない指定は、この期間の経過時に、出願人によって取り下げられたものとみなされることを宣言する。	
V-6	指定の確認から除かれる国	なし (NONE)
VI-1	先の国内出願に基づく優先権主張	
VI-1-1	先の出願日	2000年06月21日 (21.06.2000)
VI-1-2	先の出願番号	特願2000-186564
VI-1-3	国名	日本国 JP
VI-2	先の国内出願に基づく優先権主張	
VI-2-1	先の出願日	2000年07月31日 (31.07.2000)
VI-2-2	先の出願番号	特願2000-232227
VI-2-3	国名	日本国 JP
VI-3	先の国内出願に基づく優先権主張	
VI-3-1	先の出願日	2001年02月06日 (06.02.2001)
VI-3-2	先の出願番号	特願2001-30171
VI-3-3	国名	日本国 JP

## 特許協力条約に基づく国際出願願書

131976-735

原本(出願用) - 印刷日時 2001年06月20日 (20.06.2001) 水曜日 16時18分12秒

VI-4	先の国内出願に基づく優先権主張		
VI-4-1	先の出願日	2001年02月06日 (06.02.2001)	
VI-4-2	先の出願番号	特願2001-30249	
VI-4-3	国名	日本国 JP	
VII-1	特定された国際調査機関(ISA)	日本国特許庁 (ISA/JP)	
VIII	照合欄	用紙の枚数	添付された電子データ
VIII-1	願書	6	-
VIII-2	明細書	41	-
VIII-3	請求の範囲	12	-
VIII-4	要約	1	131976.txt
VIII-5	図面	13	-
VIII-7	合計	73	
VIII-8	添付書類	添付	添付された電子データ
VIII-9	手数料計算用紙	✓	-
VIII-16	PCT-EASYディスク	-	フレキシブルディスク
VIII-17	その他	納付する手数料に相当する特許印紙を貼付した書面	-
VIII-18	要約書とともに提示する図の番号	3	
VIII-19	国際出願の使用言語名:	日本語 (Japanese)	
IX-1	提出者の記名押印		
IX-1-1	氏名(姓名)	吉武 賢次	
IX-2	提出者の記名押印		
IX-2-1	氏名(姓名)	中村 行孝	
IX-3	提出者の記名押印		
IX-3-1	氏名(姓名)	紺野 昭男	
IX-4	提出者の記名押印		
IX-4-1	氏名(姓名)	高村 雅晴	

## 受理官庁記入欄

10-1	国際出願として提出された書類の実際の受理の日	
10-2	図面:	
10-2-1	受理された	
10-2-2	不足図面がある	
10-3	国際出願として提出された書類を補完する書類又は図面であつてその後期間内に提出されたものの実際の受理の日(訂正日)	
10-4	特許協力条約第11条(2)に基づく必要な補完の期間内の受理の日	
10-5	出願人により特定された国際調査機関	ISA/JP

## 特許協力条約に基づく国際出願願書

131976-735

原本（出願用） - 印刷日時 2001年06月20日（20.06.2001）水曜日 16時18分12秒

10-6	調査手数料未払いにつき、国際調査機関に調査用写しを送付していない	
------	----------------------------------	--

## 国際事務局記入欄

11-1	記録原本の受理の日	
------	-----------	--